

# WATER REPORTS

Returned to NID File

Returned to NID Sheet

Location Map Pinned

Card Signed

Water State or Fee Land

Checked by Chief

Copy NID to Field Office

Approval Letter

Disapproval Letter

## COMPLETION DATA:

Date Well Completed 1-21-60

QW VAV TA

QW OS PA

Location Inspected

Board released

State of Fee Land

## LOSS FILED

Driller's Log 2-5-1960

Electric Logs (No. 1) 2

E I E-I GR GR-N Micro

Lat Mill Sents Others

Seout Report sent out

Noted in the NID File

Location map pinned

Approve Disapproval Letter

Date Completed, P. & A. & operations suspended

Pin changed on location map

Affidavit and record of A & P

Water Shut-Off Test

Gas-Oil Ratio Test

Well Log Filed



1-23-60 UOR

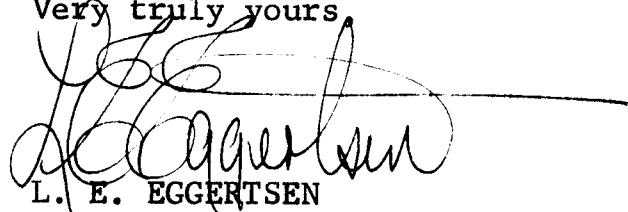
LAW OFFICE  
LUTHER E. EGGERTSEN  
405 EMPIRE BUILDING  
231 EAST FOURTH SOUTH  
SALT LAKE CITY 11, UTAH  
December 23, 1959

Utah State Oil & Gas Conservation Commission  
310 Newhouse Building  
Salt Lake City, Utah

Gentlemen:

Enclosed herewith are two copies of Notice of Intention to Drill filed on behalf of Belco Petroleum Corporation in connection with their proposed Gov't No. 1 well to be drilled in the SW $\frac{1}{4}$ SE $\frac{1}{4}$  of Section 34, Township 19 South, Range 21 East, Salt Lake Meridian, Grand County, Utah.

Very truly yours,



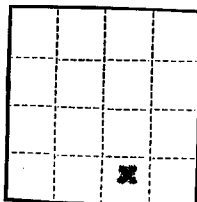
L. E. EGGERTSEN

LEE/rn

Enclosure

cc: Belco Petroleum Corp., N.Y.

Belco Petroleum Corp., Big Piney, Wyo.



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake  
Lease No. 09485-A  
Unit \_\_\_\_\_

## SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

December 19, 1959

Well No. Govt. 1 is located 660 ft. from N line and 1900 ft. from E line of sec. 34  
SW 1/4 - SE 1/4 (1/4 Sec. and Sec. No.) T19S R21E S. 1.  
North Sioux (Twp.) (Range) (Meridian)  
Grand (Field) (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 5067.3 ft.

### DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Rotary drill well with air if practical, to test the Entrada Formation or commercial production of oil and/or gas at a lesser depth. The Dakota Formation is expected at about 3800', the Entrada Formation at 4200'. To set 8-5/8 surface casing to a hard rock shell and circulate cement to surface. No less than 150' will be set. In the event commercial production is indicated from tests, production casing will be set through pay zone and cemented. Gamma Ray, Induction and Temperature Logs will be run.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Bacon Petroleum Corporation

Address P. O. Box 302

Big Piney, Wyoming

By M. F. Johnston

Title District Manager

December 24, 1959

Belco Petroleum Corporation  
P. O. Box 302  
Big Piney, Wyoming

Attention: M. T. Johnston,  
District Manager

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Gov't 1, which is to be located 660 feet from the south line and 1980 feet from the east line of Section 34, Township 19 South, Range 21 East, SEBM, Grand County, Utah.

Please be advised that insofar as this office is concerned approval to drill said well is hereby granted. However, said approval is conditional upon a plat being submitted in accordance with Rule C-4 of the General Rules and Regulations and Rules of Practice and Procedure, Utah Oil and Gas Conservation Commission.

This approval terminates within 90 days if the above mentioned well is not spudded in within said period.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

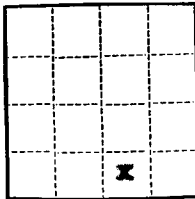
CLEON B. FEIGHT  
EXECUTIVE SECRETARY

CBF:co

cc: P. T. McGrath, Dist. Eng.  
U. S. Geological Survey  
Farmington, New Mexico

Mr. L. E. Eggertsen  
Attorney at Law  
405 Empire Building  
Salt Lake City, Utah

Form 9-381a  
(Feb. 1961)



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake  
Lease No. 09485 A  
Unit \_\_\_\_\_

# SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	<b>X</b>		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

January 25, 1960

**Belco Government # 1**

Well No. \_\_\_\_\_ is located 660 ft. from N line and 1980 ft. from W line of sec. 34

SE 1/4 SEC 34

(1/4 Sec. and Sec. No.)

19 S

(Twp.)

21 E

(Range)

Salt Lake

(Meridian)

North Cisco

(Field)

Grand

(County or Subdivision)

Utah

(State or Territory)

The elevation of the derrick floor above sea level is 5867.3 ft.

## DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

We are asking permission to plug and abandon the well, using the following plugging program:

Induction and micrologs were run to T.D.

Heavy Mud	3950'-3865'	Heavy Mud	3064'- 325'
25 axs cement	3865'-3792'	25 axs cement	325'- 258'
Heavy Mud	3792'-3210'	Heavy Mud	258'- 10'
50 axs cement	3210'-3064'	10 axs cement	10'- Surface

A regulation dry hole marker will be erected and the location cleaned up in the near future.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

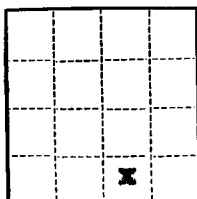
Company Belco Petroleum Corporation

Address P. O. Box 774

Grand Junction

Colorado

By Joe Frisch  
Title District Engineer



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake  
Lease No. 09485 A  
Unit \_\_\_\_\_

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
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NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	<b>X</b>
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Well No. BO-1 is located 660 ft. from N line and 1980 ft. from W line of sec. 34  
(Baleo Govt., # 1)  
SE 1/4 SEC 34 19S 21E Salt Lake  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
North Cisco Grand Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5867.3 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

The above well was drilled to 3950' on January 21, 1960. The following drill stem tests were run:

DST # 1, 1-17-60, tested 3539'-3576', IH 1722 psi, Init., flow 120 psi, Final flow 517 psi, Final shut in 977 psi, Temperature 143 deg. Recovered 300' WCM and 900' muddy salt water.

DST # 2, 1-21-60, tested 3833'-3863', Init., Hydro., 2035 psi, Init., flow 42 psi, Final flow 42 psi. Recovered 107' drilling mud.

Induction and micrologs were run to T.D. and the well plugged as follows:

Heavy Mud	3950'-3865'	Heavy Mud	3064'- 325'
25 sxs cement	3865'-3792'	25 sxs cement	325'- 258'
Heavy Mud	3792'-3210'	Heavy Mud	258'- 10'
50 sxs cement	3210'-3064'	10 sxs cement	10'- Surface

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Baleo Petroleum Corporation

Address P. O. Box 774

Grand Junction

Colorado

By

Joe Frisch

Title District Engineer

Subsequent Report of Abandonment of Belco Government Well # 1 (BG-1), dated January 25, 1960, located 660' from S line and 1980' from W line of Sec., 34, SE  $\frac{1}{4}$  Sec., 34, continued;

A regulation dry hole marker will be erected and the location cleaned up in the near future.

JF:lgb

cc:

USGS - 3

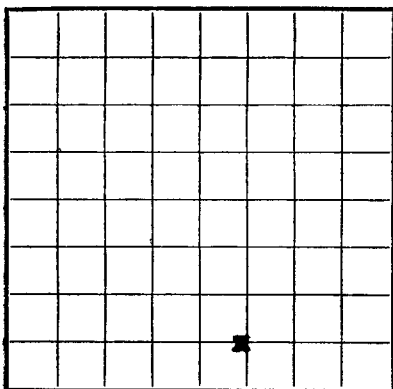
DO&GCC - 2 ✓

ABB

MLK

CONOCO

file - 2

U. S. LAND OFFICE Utah  
SERIAL NUMBER 09485 A  
LEASE OR PERMIT TO PROSPECT \_\_\_\_\_

LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

Company Belco Petroleum Corporation Address P.O. Box 774, Grand Junction, Colo.  
Lessor or Tract United States Government Field North Cisco State Utah  
Well No. Cert. #1 Sec. 34 T19S R21E Meridian Salt Lake County Grand  
Location 660 ft. EX of S Line and 1980 ft. EX of E Line of Sec. 34 Elevation 5867  
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed \_\_\_\_\_

Date February 3, 1960

A. Frisch

Title District Engineer

The summary on this page is for the condition of the well at above date.

Commenced drilling January 8, 1960 Finished drilling January 21, 1960

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from None to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

## CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
<u>8-5/8</u>	<u>24</u>	<u>3</u>	<u>Spang</u>	<u>303.52</u>	<u>Guide</u>				<u>Surface</u>

## MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8-5/8</u>	<u>303.52</u>	<u>175</u>	<u>Pump &amp; Plug</u>		

## PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_  
Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

## SHOOTING RECORD

FOLD MARK



FOLD MARK

8-5/8	303.52	175	Pump & Plug		

PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_  
 Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 0 feet to 3950 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

DATES **Plugged & Abandoned.**

\_\_\_\_\_, 19\_\_\_\_ Put to producing \_\_\_\_\_, 19\_\_\_\_  
 The production for the first 24 hours was \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_% was oil; \_\_\_\_\_%  
 emulsion; \_\_\_\_\_% water; and \_\_\_\_\_% sediment. Gravity, °Bé. \_\_\_\_\_

If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
 Rock pressure, lbs. per sq. in. \_\_\_\_\_

EMPLOYEES

~~M. Strother~~ \_\_\_\_\_, Driller ~~G. Homedew~~ \_\_\_\_\_, Driller  
~~G. Ginden~~ \_\_\_\_\_, Driller ~~Willard Pease Drilling Company~~ \_\_\_\_\_, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	300	300	No Samples
300	3132	2832	<u>Mancos fm.</u> Sh, drk gry to blk, powder, slt silty,
3132	3200	68	<u>Dakota fm.</u> Int bdd sh, drk gry, poser, silty, occassional qtz, grains, v.f.; siltstone, drk gry to lt gry, powder
3200	3540	340	<u>Morrison fm.</u> Sh, varicolored, soft, consol, some soapy, calc. Mnr, sh, grn, hd, frag.
3540	3650	110	Int bdd, ss, wht, f, shang, lse to friable, sh, varicolored, consol, firm.
3650	3855	205	Sh, as above
3855	3950		<u>Entrada fm.</u> ss, wht, rnd-sbrnd, friable to lse, with glauc & rose qtz. Mnr coarse qtz grains.
	3950	T.D.	
FROM—	TO—	TOTAL FEET	FORMATION

# HISTORY OF OIL OR GAS WELL

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

The above well was drilled to 3950' on January 21, 1960. The following drill stem tests were run:

**DST #1, 1-17-60, tested 3539'-3576', IN 1722 psi, Init., flow 120 psi, Final flow 517 psi, Final shut in 977 psi, Temperature 143 deg. Recovered 300' WCM and 900' muddy salt water.**

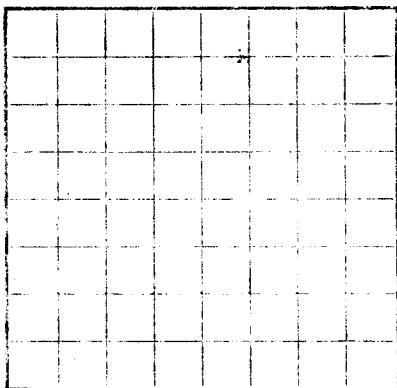
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50 sac cement	3210'-3064'	10 sac cement	10'-Surface

A regulation dry hole marker has been erected and the location cleaned up.

LOCATE WELL CORRECTLY



## LOC OF OIL OR GAS WELL

GEOLOGICAL SURVEY  
DEPARTMENT OF THE INTERIOR  
UNITED STATES

NAME OF PERSON OR PROJECT  
SECTION NUMBER  
U. S. LAND OFFICE